# Met Office Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Saturday 10 Dec 2022 until 23:59 on Sunday 11 Dec 2022

Forecast Issued on Saturday 10 Dec 2022 at 05:14

**Confidence:** High for continuing cold and largely dry, but lower for details of any snow showers and also cloud amounts.

**Headline for Saturday 10 Dec 2022:** Cold. Large areas of low cloud, with occasional snow showers.

**Mountain weather hazards on Saturday 10 Dec 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>Low Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Light snow | Light snow | Light snow | Light snow | Fog | Fog |
| Precipitation probability | | | | | |
| 40% | 40% | 40% | 40% | 30% | 20% |

**Forecast for Saturday 10 Dec 2022**

**Weather:** Cold but generally cloudy with occasional wintry showers, these most likely across western areas and perhaps heavy at times. Widespread hill fog for western areas, more broken cloud for the east with possible bright spells.

**Chance of cloud-free hill tops above 600m:** 20% at first, improving to 40% through the afternoon for western areas and 60% for the east.

**Low cloud and visibility:** Broken or extensive at first above 300m, but breaking up through this afternoon to leave scattered occasional broken cloud down to 450m across eastern areas, best breaks across eastern areas. Mainly very good visibility, but poor or very poor in showers and within cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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# Mountain Weather Forecast

**Forecast for Saturday 10 Dec 2022**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 13/15 SW | 11/13 SW | 12/15 SW | 7/10 SW | 8/10 SW | 6/8 S | 4/5 S |
| **300** | 8/11 SW | 8/13 SW | 9/12 SW | 4/7 S | 4/8 SE | 3/6 SE | 2/4 E |
| **Valley** | 5/11 W | 4/10 SW | 4/11 SW | 3/7 S | 3/7 SE | 3/6 SE | 3/5 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -2/-7 | -2/-7 | -2/-7 | -1/-5 | -2/-6 | -2/-5 | -2/-4 |
| **300** | -0/-4 | -1/-5 | -0/-4 | 0/-2 | 0/-2 | 0/-2 | 0/-2 |
| **Valley** | 0/-3 | -0/-2 | -0/-3 | 0/-1 | 0/-1 | 0/-1 | 0/-2 |
| **Freezing Level*** | 200m | 200m | 200m | 300m | 300m | 300m | 300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Cold, with frozen surfaces persisting at all but the lowest levels. A significant chill effect possible, but rather light winds.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Sat 10 Dec 2022 | 0.2mm | 0.4mm | 0.6mm |

**Forecast for Sunday 11 Dec 2022**

**Weather:** Widespread low cloud and hill fog, perhaps a few snow flurries, at first. A slow improvement is possible through the day, mainly the afternoon, but if any cloud breaks develop then the clear spells in the evening will allow valley freezing fog to form.

**Maximum wind:** North or northwest 5-10mph becoming east or northeast 5-10mph.

**Chance of cloud-free hill tops above 600m:** 20% slowly improving 60%.

**Low cloud and visibility:** Broken or extensive cloud down to 300m at first, slowly lifting and breaking. Generally very good visibility, but very poor in freezing fog at low levels.

**Temperature:** **Valleys:** Minus 4 C rising to zero or plus 1 C by day
**At 600m:** Minus 3 C
**Freezing level:** At all levels, perhaps rising to 200m later in day

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